



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Hull et al.
Assignee: Automated Logic Corporation
Application No.: 10/804,278
Filing Date: March 19, 2004
For: SLOPE PREDICTIVE CONTROL AND DIGITAL PID
CONTROL FOR A VARIABLE TEMPERATURE CONTROL
SYSTEM
Examiner: Chen Wen Jiang
Group Art Unit: 3744
Confirmation No.: 7443
Customer No.: 27623
Attorney Docket No.: 0002799USQ/2431

**REVOCATION OF PREVIOUS POWERS AND
APPOINTMENT OF NEW POWERS OF ATTORNEY WITH
CERTIFICATE UNDER 37 CFR §3.73(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

I, Azuwike Ndukwu, as Secretary of the
assignee identified above, hereby revoke all previous Powers of Attorney for this patent
application, and hereby appoint the following attorneys to maintain and prosecute this
application and to transact all business in the U.S. Patent and Trademark Office in
connection therewith.

Charles N.J. Ruggiero
Paul D. Greeley
Edward L. McMahon
Erica G. Dorsey
Pamela L. Wingood
Jacob P. Martinez
J. Robert Dean

Reg. No. 28,468
Reg. No. 31,019
Reg. No. 44,927
Reg. No. 52,829
Reg. No. 54,903
Reg. No. 57,924
Reg. No. 33,490

Please send all future correspondence and direct all telephone calls to the following address and telephone number:

Charles N.J. Ruggiero, Esq.
OHLANDT, GREELEY, RUGGIERO & PERLE, L.L.P.
One Landmark Square, 10th FLOOR
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CERTIFICATE UNDER 37 CFR 3.73(b)

AUTOMATED LOGIC CORPORATION, a Georgia corporation certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application identified above. The assignment was recorded in the Patent and Trademark Office at Reel 012558, Frame 0758, for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s) of the patent application identified above to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

2. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet attached hereto.


☐ Copies of assignments or other documents in the chain of title are attached.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of the undersigned's knowledge and belief, title is in the assignee identified above. The undersigned (whose title is supplied below) is empowered to act on behalf of the assignee.

I hereby declare that all statements made herein are true, and that all statements made on information and belief are believed to be true; and further, that these statements are made with the knowledge that willful false statements, and the like so made, are punishable by fine or imprisonment, or both, under §1001, Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Executed this 18 day of January, 2007.

By:


Name: Azuwike Ndukwu
Title: Secretary



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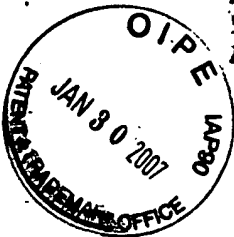
SUTHERLAND ASBILL & BRENNAN LLP
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ATLANTA, GEORGIA 30309-3996

APR 15 2002

Sutherland, Asbill & Brennan LLP



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UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/29/2002

REEL/FRAME: 012558/0758
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

HULL, GERRY GLANCY

DOC DATE: 09/10/2001

ASSIGNOR:

TOM, STEVEN TREECE

DOC DATE: 09/10/2001

ASSIGNOR:

SAAR, RAYNOLD LEE

DOC DATE: 09/10/2001

ASSIGNEE:

AUTOMATED LOGIC CORPORATION
1150 ROBERTS BOULEVARD
KENNESAW, GEORGIA 30144-3618

SERIAL NUMBER: 09850422
PATENT NUMBER:

FILING DATE: 05/07/2001
ISSUE DATE:

012558/0758 PAGE 2

ALLYSON PURNELL, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

02-13-2002



101980370

SHEET

To the Honorable Commissioner of Patents and Trademarks, Please record the attached original documents or copy thereof.

1. Names of conveying party(ies):

Gerry Glancy Hull
Steven Treece Tom
Raynold Lee Saar

1-29-02

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution date(s) of each conveying party:
September 10, 2001

2. Name and Address of receiving party(ies):

Name: Automated Logic Corporation

Address: 1150 Roberts Boulevard

City: Kennesaw

State: GA

Zip: 30144-3618

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4(a). Patent Application No.(s): 09/850,422

Patent No.(s):

If this document is being filed together with a new application, the execution date of the application is: _____

Additional numbers attached? ☐ Yes ☒ No

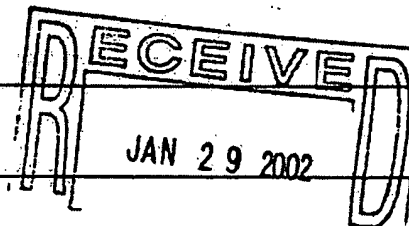
5. Name and address of party to whom correspondence concerning this document should be mailed:

Name: Michael S. Pavento, Esq.
Address: SUTHERLAND ASBILL & BRENNAN LLP
999 Peachtree Street, NE
Atlanta, Georgia 30309-3996

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. §3.41) enclosed: \$ 40.00

DO NOT USE THIS SPACE



8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

I certify that this correspondence is being deposited with the United States Postal Service as first class mail in an addressed to: Box Assignments, Commissioner of Patents & Trademarks, Washington, DC 20231, on the date given below.

ATTORNEY NAME:

Michael S. Pavento
Reg. No. 42,985

Total number of pages including
cover sheet: 3

Date: 1/8/02

Michael S. Pavento
Signature

Attorney Docket No. 15555.0021

Mail documents to be recorded with required cover sheet information to:

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Commissioner of Patents & Trademarks
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Washington, DC 20231

ASSIGNMENT

WHEREAS, we, **Gerry Glancy Hull**, a citizen of the United States of America, residing at **2322 Mount Paran Road, Atlanta, GA 30327**, **Steven Treece Tom**, a citizen of the United States of America, residing at **2250 Catalonia Lane, Acworth, GA 30101**, and **Raynold Lee Saar**, a citizen of the United States of America, residing at **2274 Clearwater Drive, Marietta, GA 30067**, have invented certain inventions and improvements disclosed in an application for Letters Patent entitled "**Slope Predictive Control and Digital PID Control**," and filed in the United States Patent and Trademark Office on May 7, 2001 and assigned serial number 09/850,422; and

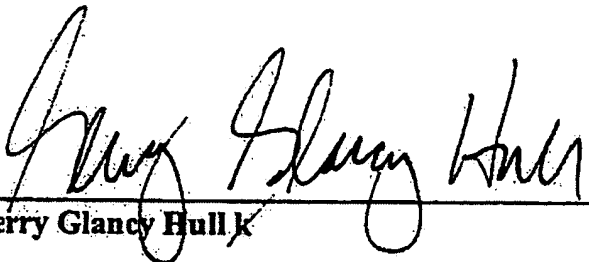
WHEREAS, **Automated Logic Corporation**, a corporation of the State of Georgia, having a principal place of business at **1150 Roberts Boulevard, Kennesaw, GA 30144-3618**, is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which we hereby acknowledge, we, **Gerry Glancy Hull, Steven Treece Tom, and Raynold Lee Saar**, by these presents do sell, assign and transfer unto **Automated Logic Corporation**, the full, exclusive and entire right, title, and interest in and to said application, in and to any divisions, continuations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said application, preparatory to obtaining Letters Patent of the United States therefor; and we hereby request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application, or from a division, continuation, or reissue thereof, to **Automated Logic Corporation**, as the assignee, for its interest and for the sole use and benefit of **Automated Logic Corporation** and its assigns and legal representatives;

For the same consideration, we, by these presents do sell, assign, and transfer to **Automated Logic Corporation**, the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights

granted on said foreign applications, and in and to the right to claim any applicable priority rights arising from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of **Automated Logic Corporation**, or its designee insofar as permitted by applicable law.

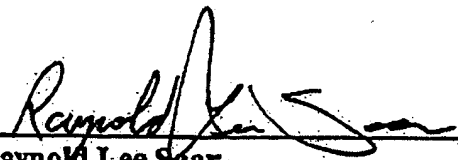
AND, for the same consideration, we agree to sign all lawful papers, execute all division, continuing, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid **Automated Logic Corporation**, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.


Gerry Glancy Hull

Date: 9/10/01


Steven Treece Tom

Date: 10 Sept 2001


Raynold Lee Saar

Date: SEPT 10, 2001

Docket No.: 15555-0021